



wherein:

R₁ is selected from a member of the group consisting of hydrogen, hydroxyl, methoxyl, acylamino group, cyano group, sulfo, sulfinyl, sulfhydryl (mercapto), sulfeno, sulfanilyl, sulfamyl, sulfamino, and phosphino, phosphinyl, phospho, phosphono and -NR_aR_b, wherein each of R_a and R_b may be the same or different and each is selected from the group consisting of hydrogen and optionally substituted: C₍₁₋₂₀₎alkyl, C₍₃₋₁₂₎cycloalkyl, C₍₂₋₂₀₎alkenyl, C₍₃₋₁₂₎cycloalkenyl, C₍₂₋₂₀₎alkynyl, aryl, heteroaryl, and heterocyclic group;

R₂ and R₃ are independently selected from a member of the group consisting of halo, oxo, C₍₁₋₂₀₎alkyl, C₍₁₋₂₀₎hydroxyalkyl, C₍₁₋₂₀₎thioalkyl, C₍₁₋₂₀₎alkylthio, C₍₁₋₂₀₎alkylaminoalkyl, C₍₁₋₂₀₎aminoalkyl, C₍₁₋₂₀₎aminoalkoxyalkenyl, C₍₁₋₂₀₎aminoalkoxyalkynyl, C₍₁₋₂₀₎diaminoalkyl, C₍₁₋₂₀₎triaminoalkyl, C₍₂₋₂₀₎tetraaminoalkyl, C₍₁₋₂₀₎alkylamido, C₍₁₋₂₀₎alkylamidoalkyl, C₍₁₋₂₀₎amidoalkyl, C₍₁₋₂₀₎acetamidoalkyl, C₍₂₋₂₀₎alkenyl, C₍₂₋₂₀₎alkynyl, C₍₁₋₂₀₎alkoxyl, C₍₁₋₂₀₎alkoxyalkyl, C₍₁₋₂₀₎dialkoxyalkyl, and -NR_aR_b; and

R₄ may be hydrogen or an optionally substituted member of the group consisting of C₍₁₋₂₀₎alkyl, C₍₃₋₁₂₎cycloalkyl, C₍₂₋₂₀₎alkenyl, C₍₃₋₁₂₎cycloalkenyl, C₍₂₋₂₀₎alkynyl, aryl, heteroaryl, and heterocyclic group.

2. The therapeutic compound of claim 1, wherein R₂ and R₃ are independently selected from a member of the group consisting of hydrogen, halo, thio, oxo, C₍₁₋₁₀₎alkyl, C₍₁₋₁₀₎hydroxyalkyl, C₍₁₋₁₀₎thioalkyl, C₍₁₋₁₀₎alkylthio, C₍₁₋₁₀₎alkylamino, C₍₁₋₁₀₎alkylaminoalkyl, C₍₁₋₁₀₎aminoalkyl, C₍₁₋₁₀₎aminoalkoxyalkenyl, C₍₁₋₁₀₎aminoalkoxyalkynyl, C₍₁₋₁₀₎diaminoalkyl, C₍₁₋₁₀₎triaminoalkyl, C₍₂₋₁₀₎tetraaminoalkyl, C₍₁₋₁₀₎aminotrialkoxyamino, C₍₁₋₁₀₎alkylamido,